Title (en)

Wheel condition determination apparatus

Title (de)

Vorrichtung zur Radzustandsbestimmung

Title (fr)

Appareil pour déterminer de l'état d'une roue

Publication

EP 1714804 A3 20070530 (EN)

Application

EP 06008125 A 20060419

Priority

JP 2005122334 A 20050420

Abstract (en)

[origin: EP1714804A2] A wheel condition determination apparatus includes a primary sensor unit (5) and a secondary sensor unit (1, 2, 3, 4) that are provided in the wheels (14) of a vehicle (10). The primary sensor unit (5) detects a predetermined parameter indicating the condition of the wheel and controls the operation mode of the secondary sensor unit (1, 2, 3, 4) in accordance with the detected predetermined parameter. The secondary sensor unit (1, 2, 3, 4) detects a predetermined parameter indicating the condition of the wheel that is different from the predetermined parameter detected by the primary sensor unit (5). The operation mode of the secondary sensor unit (1, 2, 3, 4) may be changed between an active mode and a sleep mode. In the sleep mode, detection of the wheel condition may be suspended or performed less frequently than in the active mode.

IPC 8 full level

B60C 23/04 (2006.01)

CPC (source: EP US)

B60C 23/0483 (2013.01 - EP US); **B60C 23/0493** (2013.01 - EP US)

Citation (search report)

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- [A] WO 2005030498 A1 20050407 - TOYOTA MOTOR CO LTD [JP], et al
- [A] GB 2373863 A 20021002 - TRANSENSE TECHNOLOGIES PLC [GB]

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CN105270108A; CN106441408A; US8606461B2; EP3357716A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1714804 A2 20061025; **EP 1714804 A3 20070530**; **EP 1714804 B1 20090624**; DE 602006007402 D1 20090806; JP 2006298147 A 20061102; JP 4650077 B2 20110316; US 2006249323 A1 20061109; US 7394357 B2 20080701

DOCDB simple family (application)

EP 06008125 A 20060419; DE 602006007402 T 20060419; JP 2005122334 A 20050420; US 37631206 A 20060316